

U.S. Serial No. 10/605,133
Examiner: Thach H. Bui
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IN THE CLAIMS

Please amend Claims 1, 10 and 20 as follows.

1. (Currently Amended) A foam nozzle for attachment to a spray nozzle having a spray nozzle head comprising:

a tubular member having one end portion constructed and arranged to frictionally fit over the spray nozzle head and to receive a flow of aqueous chemical solutions from an upstream to a downstream direction, the frictional fit provided by a tongue and groove relationship between the tubular member and the spray nozzle head;

a foam producing member located in an opposing end portion; and

at least one [[fixed]] air passageway extending into the tubular member and terminating upstream from the foam producing member, the air passageway constructed and arranged to extend over a portion of the spray nozzle, whereby the incidence of solutions leaking from the nozzle is reduced.

2. (Original) The foam nozzle as defined in claim 1 wherein the foam producing member is defined by radially extending rib members.

3. (Original) The foam nozzle as defined in claim 2 wherein the foam producing member includes a centrally positioned wall portion with the rib members extending radially therefrom.

4. (Original) The foam nozzle as defined in claim 1 wherein the foam producing member is positioned inwardly from the opposing end portion.

5. (Original) The foam nozzle as defined in claim 1 wherein the air passageway comprises a spacing between the tubular member and the spray nozzle, and channel members communicating with the spacing.

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6. (Original) The foam nozzle as defined in claim 5 wherein the channel members are spaced equidistantly from each other.

7. (Original) The foam nozzle as defined in claim 6 wherein there are four channel members.

8. (Cancelled)

9. (Previously Presented) The foam nozzle as defined in claim 19 wherein there are four openings spaced equidistantly around the tubular member.

10. (Currently Amended) A combined spray and foam nozzle comprising:
a spray nozzle having a spray head for attachment to a dispensing member;
a foam nozzle frictionally attached to the spray nozzle, the foam nozzle including:
a tubular member having one end portion constructed and arranged to fit over the spray nozzle and to receive a flow of aqueous chemical solution from an upstream to a downstream direction, the frictional attachment provided by a tongue and groove relationship between the tubular member and the spray head;
a foam producing member located in an opposing end portion; and
at least one [[fixed]] air passageway extending into the tubular member and terminating upstream from the foam producing member, the air passageway constructed and arranged to extend over a portion of the spray nozzle, whereby the incidence of solutions leaking from the nozzle is reduced.

11. (Original) The foam nozzle as defined in claim 10 wherein the foam producing member is defined by radially extending rib members.

12. (Previously Presented) The foam nozzle as defined in claim 11 wherein the foam producing member includes a centrally positioned wall portion with the rib members extending radially therefrom.

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13. (Original) The foam nozzle as defined in claim 10 wherein the foam producing member is positioned inwardly from the opposing end portion.

14. (Previously Presented) The foam nozzle as defined in claim 10 wherein the air passageway comprises a spacing between the tubular member and the spray nozzle, and channel members communicating with the spacing.

15. (Previously Presented) The foam nozzle as defined in claim 14 wherein the channel members are spaced equidistantly from each other.

16. (Original) The foam nozzle as defined in claim 15 wherein there are four channel members.

17. (Cancelled)

18. (Previously Presented) The foam nozzle as defined in claim 20 wherein there are four openings spaced equidistantly around the tubular member.

19. (Original) A foam nozzle for attachment to a spray nozzle comprising: a tubular member having one end portion constructed and arranged to fit over the spray nozzle and to receive a flow of aqueous chemical solutions from an upstream to a downstream direction;

a foam producing member located in an opposing end portion; and at least one air passageway extending into the tubular member and terminating upstream from the foam producing member, the air passageway comprising at least one opening extending through the tubular member and a spacing of the tubular member from the spray nozzle, the air passageway constructed and arranged to extend over a portion of the spray nozzle, whereby the incidence of solutions leaking from the nozzle is reduced.

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20. (Currently Amended) A combined spray and foam nozzle comprising:
a spray nozzle for attachment to a dispensing member;
a foam nozzle frictionally attached to the spray nozzle, the foam nozzle including:
a tubular member having one end portion constructed and arranged to fit over the
spray nozzle and to receive a flow of aqueous chemical solution from an upstream to a
downstream direction;
a foam producing member located in an opposing end portion; and
at least one [[fixed]] air passageway extending into the tubular member and
terminating upstream from the foam producing member, the air passageway comprising at least
one opening extending through the tubular member and a spacing of the tubular member from
the spray nozzle, the air passageway constructed and arranged to extend over a portion of the
spray nozzle, whereby the incidence of solutions leaking from the nozzle is reduced.